



1 / 1

Patent Number: CA2107376 A1 19940403

Image unavailable

Check for mosaic



Translate this page

**Process for producing low viscosity lubricating base oil having high viscosity index.**

(EP-590673)

A process for the production of a high viscosity index, low viscosity lubricating base oil having a kinematic viscosity of 3.0 to 7.5 mm<sup>2</sup>/s at 100 DEG C, a viscosity index of 120 or more and a pour point of -10 DEG C or less, while simultaneously producing a high quality fuel oil, which includes subjecting a mixture stock oil of (a) at least one of a heavy gas oil fraction and a vacuum gas oil fraction and (b) a slack wax to hydrocracking in the presence of an amorphous silica alumina catalyst, separating the cracked product into a fuel oil fraction and a lubricating oil fraction by atmospheric distillation, and subsequently subjecting the lubricating oil fraction to dewaxing, optionally applying at least one of solvent refining and hydrofinishing.

**Inventor(s):**

TAKITO TETSUO  
IWATA MOTOHIKO  
YOSHIZUMI YUJI  
KINOSHITA YASUO

**Patent Assignee:**

MITSUBISHI OIL CO  
MITSUBISHI OIL CO LIMITED

**Orig. Patent Assignee:** Mitsubishi Oil Company, Limited; no. 2-4, Toranomom 1-chome; Minato-ku Tokyo (JP)

**FamPat family**

Publication Number	Kind	Publication date	Links
<a href="#">CA2107376</a>	A1	19940403	
STG:	Application laid open		
AP :	1993CA-2107376 19930930		
<a href="#">EP0590673</a>	A1	19940406	
STG:	Application published with search report		
AP :	1993EP-0115838 19930930		
<a href="#">AU4876793</a>	A	19940414	
STG:	Open to public inspection		
AP :	1993AU-0048767 19931001		
<a href="#">JP6116572</a>	A	19940426	
STG:	Doc. laid open to publ. inspec.		
AP :	1992JP-0287061 19921002		
<a href="#">AU662247</a>	B2	19950824	
STG:	Patent preceded by A1		
<a href="#">US5460713</a>	A	19951024	
STG:	Patent		
AP :	1993US-0129352 19930930		
<a href="#">SG48976</a>	A1	19980518	
STG:	Patent Application		
AP :	1996SG-0002624 19930930		
<a href="#">KR100191688</a>	B1	19990615	
STG:	Patent specification		
AP :	1993KR-0020122 19930928		
<a href="#">CA2107376</a>	C	19990706	
STG:	Patent		
<a href="#">JP3057125</a>	B2	20000626	

**STG:**Grant. Pat. With A from  
2500000 on**Priority Details:** 1992JP-0287061 19921002**Designated States:** (EP-590673)  
DE FR GB

©Questel